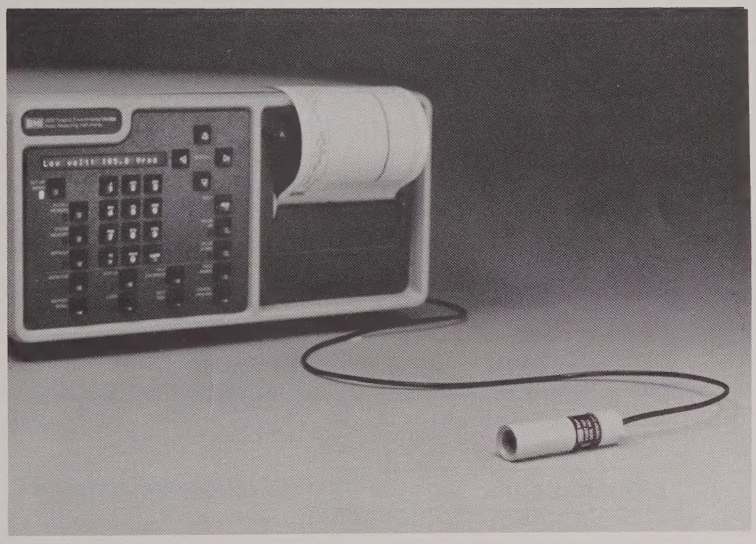


A-002 Temperature Probe

The A-002 Temperature Probe monitors temperature and temperature rate-of-change. The Temperature Probe enables the PowerScope to print text reports and graphs of temperature.

CONTROLLED DOCUMENT
BMI

Procedure #:

Part # : 86001620 **Code : OPP**

Model # : A-002

Rev : **Print date :**

WARNING: Internal Document !
Check in the library at the end of each shift

Temperature Probe

The A-002 Temperature Probe monitors temperature and temperature rate-of-change.

Connecting the probe

All probes plug into any of the environmental sockets, labeled A through H, on the back of your PowerScope.

Connect the probe first. When you power up the PowerScope, additional questions relating to the Temperature Probe are automatically added to the Setup and Report Menus. For further explanation see the PowerScope User's Guide, pages 258 to 263 and 286 to 287.

Setup Menu

The questions that follow will appear after you've answered questions for setting power thresholds, that is after setting the threshold for high frequency noise.

Sensor Setup: A	Selections: A through H
Name: COMPUTER	Enter up to 9 characters
COMPUTER High 86°F	Selections: 32°F to 212°F (1°C to 100°C)
COMPUTER Low 59°F	Selections: 32°F to 210°F (1°C to 99°C)
COMPUTER 5°F/hr	Selections: 2°F/hr to 178°F/hr (1°C/hr to 99°C/hr)

Report Menu

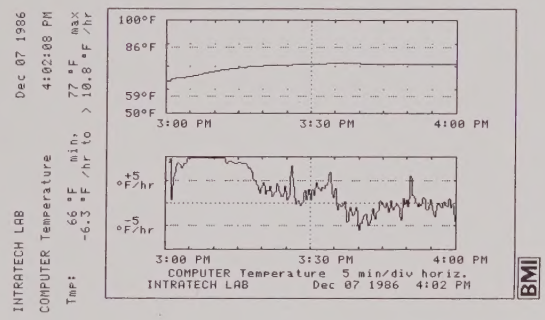
The questions that follow will appear after you've selected report options, that is after selecting the last impulse report.

COMPUTER TMP: Both	Selections: Both, 1 Hour, Text, Off

Use the Key Operator Menu to select temperature units, Centigrade or Fahrenheit. See page 308 in the User's Guide for further details.

Graphs and Reports

The A-002 Temperature probe enables your PowerScope to print long-term summary strip charts and text reports of temperature and rate-of-temperature change.



Temperature summary strip chart.

```
INTRATECH                    Jan 12 1987

COMPUTER  HIGH TEMPERATURE 12:21:14 PM
(Sensor A)

 Temperature above        86 °F

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INTRATECH                    Jan 13 1987

COMPUTER  HIGH TEMP END     10:57:55 AM
(Sensor A)

 Maximum temperature:     88 °F
```

Text disturbance report.

Calibration

The A-002 Temperature probe is calibrated when it is sent to you from the factory. Recalibration is recommended once every year. To order recalibration, call BMI Customer Service Department for a Return Authorization number, then send the probe to:

BMI
335 Lakeside Drive
Foster City, CA 94404

BMI Customer Service: in California, call 800/451-3040
in U.S., call 800/634-1233
TWX 910.374.3059
FAX 415/574-2176

Specifications

Measuring range: 32° - 212°F (0° - 100°C)

Accuracy at 68°F (20°C): ± 3.0°F (± 1.5°C)

Weight: 4 oz (0.1 kg)

Dimensions: Length: 3.1 in (8 cm)
Diameter: 2.5 in (6.5 cm)

BMI
Basic Measuring Instruments
335 Lakeside Drive
Foster City, CA 94404
(415) 570-5355